UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

November 2, 2006

Docket No. 03030971 License No. 45-25034-01
Control No. 139555

Jeanie Steward, Ph.D.
Dean of College
Washington and Lee University
116 North Main Street
Lexington, VA 24450-0303

SUBJECT: WASHINGTON AND LEE UNIVERSITY, LICENSE AMENDMENT, CONTROL NO. 139555

Dear Dr. Steward:

This refers to your license amendment request. Enclosed with this letter is the amended license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

Current NRC regulations and guidance are included on the NRC's website at www.nrc.gov; select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material;** then **Toolkit Index Page.** Or you may obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-888-293-6498. The GPO is open from 7:00 a.m. to 8:00 p.m. EST, Monday through Friday (except Federal holidays).

Thank you for your cooperation.

Sincerely,

Original signed by Thomas K. Thompson

Thomas K. Thompson
Senior Health Physicist
Commercial and R&D Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 8

cc:
John A. Hufnagel, Radiation Safety Officer

DOCUMENT NAME: C:\FileNet\ML063100565.wpd

SUNSI Review Complete: TThompson
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NAME	TThompson/TKT							
DATE	11/2/2006							

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MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee	
1. Washington and Lee University	In accordance with the letter dated October 3, 2006, 3. License No. 45-25034-01 is amended in its entirety to read as follows:
2. 116 North Main Street	4. Expiration Date: September 30, 2015
3. Lexington, Virginia 24450-0303	5. Docket No. 030-30971

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Hydrogen 3	A. Any	A. 20 millicuries
B. Carbon 14	B. Any	B. 1 millicurie
C. Sulfur 35	C. Any	C. 10 millicuries
D. Cobalt 60	D. Any	D. 22 microcuries
E. Phosphorus 32	E. Any	E. 500 microcuries

9. Authorized use:

A. through E. Research and development as defined in 10 CFR 30.4; animal studies; teaching and training of students.

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at Washington and Lee University, Science Center, 116 North Main Street, Lexington, Virginia.

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11. A. Licensed material shall be used by, or under the supervision of:

Authorized Users	Material
John Hufnagel	All
John J. Wielgus, Ph.D.	H-3; C-14
Maryanne Simurda, Ph.D.	S-35
Kenneth E. Van Ness, Ph.D.	Co-60
Frederick J. LaRiviere, Ph.D.	P-32; S-35; H-3

B. The Radiation Safety Officer for this license is John Hufnagel.

12. The licensee shall not use licensed material in or on human beings.

13. The licensee shall not use licensed material in field applications where it is released except as provided otherwise by specific condition of this license.

14. Experimental animals, or the products from experimental animals, that have been administered licensed materials shall not be used for human consumption.

15. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.

16. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.

17. The licensee is authorized to hold byproduct material with a physical half-life of less than or equal to 120 days for decay-in-storage before disposal without regard to its radioactivity if the licensee:

A. Monitors byproduct material at the surface before disposal and determines that its radioactivity cannot be distinguished from the background radiation level with an appropriate radiation detection survey meter set on its most sensitive scale and with no interposed shielding; and

B. Removes or obliterates all radiation labels, except for radiation labels on materials that are within containers and that will be managed as biomedical waste after they have been released from the licensee; and

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C. Maintains records of the disposal of licensed materials for 3 years. The record must include the date of disposal, the survey instrument used, the background radiation level, the radiation level measured at the surface of each waste container, and the name of the individual who performed the disposal.

18. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

19. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

    A. Application dated March 29, 2005 (ML051430501)
    B. Letter dated July 15, 2005 (ML052020292)
    C. Facsimile received September 28, 2005
    D. Letter dated October3, 2006 (ML062910373)

For the U.S. Nuclear Regulatory Commission

Date November 2, 2006

By ***Original signed by Thomas K. Thompson***

Thomas K. Thompson
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406